

In the Claims:

Claims 1 to 23 (canceled).

- 1       **24.** (previously presented) A system for inserting an implant  
2        into a human organ, comprising:
  - 3           an implant;
  - 4           an adapter element comprising a ring-shaped adapter  
5           body and an annular adapter flange projecting radially from  
6           said adapter body;
  - 7           a first suture connecting said adapter flange to said  
8           implant;
  - 9           a receiver element comprising a ring-shaped receiver  
10          body and an annular receiver flange that projects radially  
11          from said receiver body and is adapted to be connected to  
12          a human organ; and
  - 13          a second suture adapted to connect said receiver  
14          flange to the human organ;
  - 15          wherein said adapter body has a first threading, said  
16          receiver body has a second threading, and said first and  
17          second threadings are configured and adapted to be  
18          threadingly engaged with each other to releasably connect  
19          said adapter body with said receiver body.
- 1       **25.** (previously presented) The system according to claim 24,  
2        further comprising an integral coating layer of living  
3        cells continuously integrally covering a surface of said  
4        implant and an adjoining surface of said adapter element.

**Claim 26 (canceled).**

1       **27.** (previously presented) A method of inserting an implant  
2        into a human organ, comprising the steps:  
3           a) providing an implant;  
4           b) connecting said implant to an adapter element;  
5           c) suturing a receiver element to a human organ; and  
6           d) connecting said adapter element, with said implant  
7           connected thereto, to said receiver element  
8           by rotating said adapter element relative to said  
9           receiver element.

**Claim 28 (canceled).**

1       **29.** (previously presented) The method according to claim 27,  
2       wherein said receiver element and said adapter element  
3       respectively include first and second threadings, and said  
4       rotating of said adapter element relative to said receiver  
5       element comprises engaging and screwing together said first  
6       and second threadings.

**Claim 30 (canceled).**

1       **31.** (previously presented) The method according to claim 27,  
2       further comprising an additional step, performed after said  
3       step b) and before said step d), of coating a surface of

4           said adapter element and of said implant connected to said  
5           adapter element with a coating layer of living cells.

1       **32.** (previously presented) A system for inserting an implant  
2           into a human organ comprising:

3           an adapter element comprising a ring-shaped adapter  
4           body and an annular adapter flange projecting from said  
5           adapter body; and

6           a receiver element comprising a ring-shaped receiver  
7           body and an annular receiver flange projecting from said  
8           receiver body;

9           wherein said adapter flange is adapted to be connected  
10          to an implant, said receiver flange is adapted to be  
11          connected to a human organ, said adapter body has a first  
12          threading, said receiver body has a second threading, and  
13          said first and second threadings are configured and adapted  
14          to be threadingly engaged with each other to connect said  
15          adapter body with said receiver body.

1       **33.** (previously presented) The system according to claim 32,  
2           wherein said second threading is an external threading on  
3           said receiver body.

1       **34.** (previously presented) The system according to claim 33,  
2           wherein said first threading is an internal threading in  
3           said adapter body.

1       **35.** (previously presented) The system according to claim 34,  
2       wherein said internal threading and said external threading  
3       comprise lock threads.

1       **36.** (previously presented) The system according to claim 34,  
2       wherein said receiver flange projects radially outwardly  
3       from said receiver body and said adapter flange projects  
4       radially inwardly from said adapter body.

1       **37.** (previously presented) The system according to claim 32,  
2       wherein said receiver flange projects radially outwardly  
3       from said receiver body and said adapter flange projects  
4       radially inwardly from said adapter body.

1       **38.** (previously presented) The system according to claim 32,  
2       wherein said adapter flange has first elements adapted to  
3       receive a suture to connect said adapter flange to the  
4       implant, and said receiver flange has second elements  
5       adapted to receive a suture to connect said receiver flange  
6       to the human organ.

1       **39.** (previously presented) The system according to claim 38,  
2       wherein said first elements are first throughholes in said  
3       adapter flange and said second elements are second  
4       throughholes in said receiver flange.

1       **40.** (previously presented) The system according to claim 32,  
2       further comprising said implant, a first suture connecting

3           said adapter flange to said implant, and a second suture  
4           connecting said receiver flange to the human organ.

1       **41.** (previously presented) The system according to claim 40,  
2           further comprising a coating layer of living cells covering  
3           a surface of said implant and a surface of said adapter  
4           element.

1       **42.** (previously presented) The system according to claim 40,  
2           wherein said implant is a biological heart valve.

1       **43.** (previously presented) The system according to claim 40,  
2           wherein said implant is an artificial heart valve.

1       **44.** (previously presented) The system according to claim 32,  
2           wherein said adapter element is a one-piece plastic adapter  
3           element integrally including said adapter body and said  
4           adapter flange, and said receiver element is a one-piece  
5           plastic receiver element integrally including said receiver  
6           body and said receiver flange.

Claims 45 and 46 (canceled).

1       **47.** (previously presented) A system for inserting a biological  
2           heart valve as an implant into a human heart comprising:  
3           a biological heart valve;

4           an adapter element comprising a ring-shaped adapter  
5         body and an annular adapter flange projecting from said  
6         adapter body;  
7           a first suture connecting said biological heart valve  
8         to said adapter flange;  
9           a receiver element comprising a ring-shaped receiver  
10        body and an annular receiver flange projecting from said  
11        receiver body; and  
12           a second suture connecting said receiver flange to a  
13        human heart;  
14           wherein said adapter body and said receiver body are  
15        adapted to be connected to each other.

[RESPONSE CONTINUES ON NEXT PAGE]